As a below named inventor, I hereby declare that:

[X]	original
[]	divisional
[ ]	continuation
ίi	continuation-in-part

This declaration is of the following type:

#### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

#### ATOMIC LAYER DEPOSITION APPARATUS

#### SPECIFICATION IDENTIFICATION

The specification of which:

ed on even date
filed or
_

# ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[X] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

before that of the application(s) of which priority is claimed.					
	[X]	No such ap	pplications have been file	d.	
	[]	Such appli	cations have been filed a	s follows:	
A.			application(s) filed wits under 35 U.S.C. §119	hin 12 mos. (6 mos. for de	sign) prior to this application, and
	Count	ry/PCT	Application No	Date Filed	Priority Claimed
					[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No
В.		eign applica plication	tion(s), if any, filed mor	re than 12 mos. (6 mos for o	lesign) prior to this
	Country Applica Filing d	ition No:			
C.	U.S. Pr	ovisional A	pplication filed within 1	2 months prior to this app	lication
			Serial No.	Filing Dat	<u>e</u>
			PRIORITY C	CLAIM (35 U.S.C. §120)	•
PRIORITY CLAIM (35 U.S.C. §120)  I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.					

[X]	No such applications have been filed
[]	Such application have been filed, as follows:

Serial No. Filing Date Patented Pending Abandoned

# POWER OF ATTORNEY

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35.412

Send correspondence to:

Direct telephone calls to:

Patent Counsel

Full name of sole or first inventor: BARRY L. CHIN

Patricia A. Verlangieri

APPLIED MATERIALS, INC.

Same as above

THOMASON, MOSER & PATTERSON, L.L.P.

Country of Citizenship: U.S.A.

P. O. Box 450-A

Telephone No. 732-530-9404

Santa Clara, CA 95052

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Bon L. Chi 13174 Cumberland Drive Date: 1/23/01 Inventor's signature: Residence: Saratoga, CA 95070 Post Office Address: Same as above Country of Citizenship: U.S.A. Full name of second inventor: ALFRED W. MAK Inventor's signature: 32722 Fellows Court Residence: Union City, CA 94587 Post Office Address: Same as above Country of Citizenship: U.S.A. Full name of third inventor: LAWRENCE CHUNG-LAI LEI Inventor's signature: Date: Residence: 1594 Country Club Drive Milpitas, CA 95035 Post Office Address:

Post Office Address:

Inventor's signature: Date: Residence: 151 Churchill Avenue Palo Alto, CA 94306 Post Office Address: Same as above Country of Citizenship: P.R. of China Full name of fifth inventor: HUA CHUNG Inventor's signature: Date: Residence: 4645 Piper Drive San Jose, CA 95129 Post Office Address: Same as above Country of Citizenship: Taiwan Full name of sixth inventor: KEN KAUNG LAI Inventor's signature: Date: 1354 Terra Alta Drive Residence: Milpitas, CA 95035 Post Office Address: Same as above Country of Citizenship: Taiwan Full name of seventh inventor: JEONG SOO BYUN Inventor's signature: Date: Residence: 20975 Valley Green Drive #257

Cupertino, CA 95014

Same as above

As a below named inventor, I hereby declare that:

[X]	original
[]	divisional
ĨĨ	continuation
į į	continuation-in-part

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#### TITLE OF INVENTION

#### ATOMIC LAYER DEPOSITION APPARATUS

#### SPECIFICATION IDENTIFICATION

The specification of which:

[X]	filed herewith;					
[]	was filed on	, under Serial No,	executed	on ev	en e	date
	herewith; or	<del>- 1</del>				
[]	Express Mail No.	(Serial No. not yet known)				
	and was amended on	(if applicable)				
[]	was described and claimed in	PCT International Application No			filed	l on
	and as amen	ided under PCT Article 19 on	<u> </u>			

# ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

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# PRIORITY CLAIM (35 U.S.C. §119)

before that of the application(s) of which priority is claimed.								
	[X]	No such ap	pplications have bee	en filed.				
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A.			application(s) files under 35 U.S.C. {		s. (6 mos. for d	lesign) prior	to this applicat	ion, and
	Country	y/PCT	Application No	Ī	Date Filed	<u>Pr</u>	iority Claimed	
						[ ]	Yes [ ] No Yes [ ] No Yes [ ] No	
В.	All forei U.S. app		tion(s), if any, filed	l more than 12	mos. (6 mos for	r design) pri	or to this	
	Country: Applicati Filing da	ion No:						
C.	U.S. Pro	visional A	pplication filed wit	hin 12 months	prior to this ap	plication		
			Serial No.		Filing D	ate		
			PRIORI	TY CLAIM (35	5 U.S.C. §120)			
I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.  [X] No such applications have been filed								
			oplications have bee cation have been fil					
	0 1137	-	W. D.	<del></del>	Sta			
	Serial No	ı Fi	iling Date	Patented F	ending	Abandoned	1	

# POWER OF ATTORNEY

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35.412

Post Office Address:

Michael B. Einschlag Registration No. 29,301 Robert W. Mulcahy Registration No. 25,436 Walter Benjamin Glenn Registration No. 44,713 Joseph Bach Registration No. 37,771 B. Todd Patterson Registration No. 37,906 Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008 Joseph Pagnotta Registration No. 39,322

Send correspondence to:

Direct telephone calls to:

Patent Counsel

Full name of sole or first inventor: BARRY L. CHIN

APPLIED MATERIALS, INC.

Same as above

P. O. Box 450-A Santa Clara, CA 95052 Patricia A. Verlangieri

THOMASON, MOSER & PATTERSON, L.L.P.

Country of Citizenship: U.S.A.

Telephone No. 732-530-9404

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Inventor's signature:		Date:
Residence:	13174 Cumberland Drive Saratoga, CA 95070	
Post Office Address:	Same as above	Country of Citizenship: U.S.A
Full name of second in	ventor: ALFRED W. MAK	
Inventor's signature: Residence:	32722 Follows Court Union City, CA 94587	Date: 7 25 0
Post Office Address:	Same as above	Country of Citizenship: U.S.A
Full name of third inve	ntor: LAWRENCE CHUNG-LAI LEI	
Inventor's signature: Residence:	1594 Country Club Drive Milpitas, CA 95035	Date:

Post Office Address:

Same as above

Inventor's signature:		Date:
Residence:	151 Churchill Avenue Palo Alto, CA 94306	
Post Office Address:	Same as above	Country of Citizenship: P.R. of China
Full name of fifth inver	ntor: HUA CHUNG	
Inventor's signature: Residence:	4645 Piper Drive San Jose, CA 95129	Date:
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of sixth inve	ntor: KEN KAUNG LAI	
Inventor's signature: Residence:	1354 Terra Alta Drive Milpitas, CA 95035	Date:
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of seventh in	ventor: JEONG SOO BYUN	
Inventor's signature: Residence:	20975 Valley Green Drive #257 Cupertino, CA 95014	Date:

As a below named inventor, I hereby declare that:

[X]	original
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[ ]	continuation
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#### ATOMIC LAYER DEPOSITION APPARATUS

#### SPECIFICATION IDENTIFICATION

The specification of which:

filed herewith;			
was filed on	, under Serial No.	, executed of	n even date
herewith; or		<b>_</b>	
Express Mail No.	(Serial No. not yet known)		
and was amended on	(if applicable)		
was described and claimed in PC	CT International Application No.		filed on
and as amended	under PCT Article 19 on	·	
	was filed on herewith; or Express Mail No. and was amended on was described and claimed in PC	was filed on, under Serial No. herewith; or Express Mail No (Serial No. not yet known)	was filed on, under Serial No, executed of herewith; or  Express Mail No (Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No

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# PRIORITY CLAIM (35 U.S.C. §119)

before that of the application(s) of which priority is claimed.						
	[X] No	such applications	have been filed.			
	[ ] Su	ich applications hav	e been filed as foll	ows:		
Α.		gn/PCT applicatio y claims under 35		12 mos. (6 mos.	for design) pric	or to this application, and
	Country/F	CT Applicat	ion No	Date Filed	<u>I</u>	Priority Claimed
						] Yes [ ] No ] Yes [ ] No ] Yes [ ] No
В.	All foreign U.S. applic	application(s), if a	ny, filed more tha	an 12 mos. (6 m	os for design) p	rior to this
	Country: Application Filing date:					
C.	U.S. Provis	ional Application	filed within 12 mo	onths prior to th	is application	
		Seria	al No.	Fili	ing Date	
PRIORITY CLAIM (35 U.S.C. §120)						
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		such applications he such application have		ows:		
	<u>Serial No</u> .	Filing Date	Pate	ented Pending	StatusAbandon	<u>ed</u>

# POWER OF ATTORNEY

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
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Patricia A. Verlangieri

APPLIED MATERIALS, INC.

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Telephone No. 732-530-9404

Santa Clara, CA 95052

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Full name of sole or first inventor: BARRY L. CHIN Inventor's signature: 13174 Cumberland Drive Residence: Saratoga, CA 95070 Post Office Address: Same as above Country of Citizenship: U.S.A. Full name of second inventor: ALFRED W. MAK Inventor's signature: 32722 Fellows Court Residence: Union City, CA 94587 Post Office Address: Country of Citizenship: U.S.A. Same as above Full name of third inventor: LAWRENCE CHUNG-LAI LEI Inventor's signature: Residence: Milpitas, CA 95035

Post Office Address:

Same as above

Country of Citizenship: U.S.A.

Full name of fourth inventor: MING XI

Inventor's signature: Residence:	151 Churchill Avenue Palo Alto, CA 94306	Date:
Post Office Address:	Same as above	Country of Citizenship: P.R. of China
Full name of fifth inve	ntor: HUA CHUNG	
Inventor's signature: Residence:	4645 Piper Drive San Jose, CA 95129	Date:
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of sixth inve	ntor: KEN KAUNG LAI	
Inventor's signature: Residence:	1354 Terra Alta Drive Milpitas, CA 95035	Date:
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of seventh in	nventor: JEONG SOO BYUN	
Inventor's signature: Residence:	20975 Valley Green Drive #257 Cupertino, CA 95014	Date:
Post Office Address:	Same as above	Country of Citizenship: South Korea

As a below named inventor, I hereby declare that:

[X]	original
[]	divisional
[]	continuation
ΪĪ	continuation-in-part

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#### TITLE OF INVENTION

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# SPECIFICATION IDENTIFICATION

The specification of which:

filed herewith;				
was filed on, und	er Serial No,	executed on	even	date
herewith; or				
Express Mail No(	Serial No. not yet known)			
and was amended on	(if applicable)			
was described and claimed in PCT Int	ernational Application No		file	d or
and as amended unde	r PCT Article 19 on			
	was filed on, und herewith; or	was filed on, under Serial No, herewith; or Express Mail No (Serial No. not yet known)	was filed on, under Serial No, executed on herewith; or  Express Mail No (Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No	was filed on, under Serial No, executed on even herewith; or  Express Mail No (Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No file

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# PRIORITY CLAIM (35 U.S.C. §119)

Serial No.

Filing Date

before	that of th	ne applicatio	n(s) of which priority is cla	imed.		
	[X]	No such a	applications have been filed	l.		
	[]	Such app	lications have been filed as	follows:		
A.			Γ application(s) filed with ns under 35 U.S.C. §119	nin 12 mos. (6 mos. for de	esign) prior to this application, and	
	Cour	ntry/PCT	Application No	Date Filed	Priority Claimed	
					[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No	
В.		reign applic pplication	ation(s), if any, filed more	than 12 mos. (6 mos for	design) prior to this	
	Count Applic Filing	ation No:				
C.	U.S. P	rovisional A	Application filed within 12	months prior to this app	olication	
			Serial No.	Filing Da	<u>te</u>	
		<u> </u>	PRIORITY CI	LAIM (35 U.S.C. §120)	<u></u>	
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	[ <b>X</b> ]		pplications have been filed ication have been filed, as t			
				Stat	us	

# POWER OF ATTORNEY

Patented Pending

**Abandoned** 

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
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Full name of sole or first inventor: BARRY L. CHIN

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	•	
Inventor's signature:		Date:
Residence:	13174 Cumberland Drive Saratoga, CA 95070	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of second inv	ventor: ALFRED W. MAK	
Inventor's signature:		Date:
Residence:	32722 Fellows Court Union City, CA 94587	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of third inve	ntor: LAWRENCE CHUNG-LAI LEI	
Inventor's signature:		Date:
Residence:	1594 Country Club Drive Milpitas, CA 95035	
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

Post Office Address:

Same as above

Inventor's signature: Residence:	151 Churchill Avenue Palo Alto, CA 94306	Date: 7/24/01
Post Office Address:	Same as above	Country of Citizenship: P.R. of China
Full name of fifth inventor	or: HUA CHUNG	
Inventor's signature: Residence:	4645 Piper Drive San Jose, CA 95129	Date:
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of sixth inventor	or: KEN KAUNG LAI	
Inventor's signature: Residence:	1354 Terra Alta Drive Milpitas, CA 95035	Date:
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of seventh inve	entor: JEONG SOO BYUN	
Inventor's signature: Residence:	20975 Valley Green Drive #257 Cupertino, CA 95014	Date:

As a below named inventor, I hereby declare that:

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# SPECIFICATION IDENTIFICATION

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[X]	filed herewith;					
[]	was filed on	, under Serial No.	, executed	on e	ven da	ıt.
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	and as amended	d under PCT Article 19 on				

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before	that of the a	pplication	(s) of which priority	is claimed	I.				
	[X] N	No such a	pplications have been	filed.					
	[] S	Such appl	cations have been fil	ed as follo	ows:				
A.			application(s) filed s under 35 U.S.C. §1		2 mos. (6 mos.	. for design) p	rior to	this ap	plication, and
	Country/	<u>PCT</u>	Application No		Date Filed		<u>Priori</u>	ty Clain	<u>ned</u>
							[ ] Y	[es [ ] [es [ ]	No
В.	All foreig U.S. appli		tion(s), if any, filed	more tha	n 12 mos. (6 m	os for design)	prior t	to this	·
	Country: Application Filing date								
C.	U.S. Prov	isional A	pplication filed with	in 12 mo	nths prior to tl	his application	1		
			Serial No.		Fil	ing Date			
			PRIORIT	Y CLAII	M (35 U.S.C. §	120)			
PCT in subject manner disclos substar applica	aternational at matter of ear provided be information tial likelihootion to issue	pplication ach of the property of the first on that is not that a sa a pate	nder Title 35, Unite n(s) designating the ne claims of this apet paragraph of Title material to the examentation which occurred the of this application	United Stapplication 35, United mination the would between	ates of America is not disclose ed States Code of this applica consider it in	a that is/are listed in that/those, Section 112 ation (namely apportant in de	sted belose prior 2, I ack , inforn eciding	ow and, application whether whether	insofar as the ation(s) in the ge the duty to where there is r to allow the
			oplications have been cation have been filed		ws:				
	0.2.131	~	:::: D-4-	<del>.</del>	4-1D-1	Status	1		-
	<u>Serial No</u> .	<u>F</u>	iling Date	<u>Pater</u>	nted Pending	<u>Aband</u>	oned		

# POWER OF ATTORNEY

Donald Verplancken	Registration No. 33,217
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Telephone No. 732-530-9404

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Inventor's signature: Residence:	13174 Cumberland Drive Saratoga, CA 95070	Date:
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of second in	ventor: ALFRED W. MAK	
Inventor's signature: Residence:	32722 Fellows Court Union City, CA 94587	Date:
Post Office Address:	Same as above	Country of Citizenship: U.S.A.
Full name of third inve	ntor: LAWRENCE CHUNG-LAI LEI	
Inventor's signature: Residence:	1594 Country Club Drive Milpitas, CA 95035	Date:
Post Office Address:	Same as above	Country of Citizenship: U.S.A.

Inventor's signature:

Post Office Address:

Residence:

Inventor's signature: Date:\_ Residence: 151 Churchill Avenue Palo Alto, CA 94306 Post Office Address: Same as above Country of Citizenship: P.R. of China Full name of fifth inventor: HUA CHUNG \_\_\_\_\_ Date:\_\_\_ Inventor's signature: Residence: San Jose, CA 95129 Post Office Address: Same as above Country of Citizenship: Taiwan Full name of sixth inventor: KEN KAUNG LAI Inventor's signature: Date: Residence: 1354 Terra Alta Drive Milpitas, CA 95035 Post Office Address: Same as above Country of Citizenship: Taiwan Full name of seventh inventor: JEONG SOO BYUN

20975 Valley Green Drive #257

Cupertino, CA 95014

Same as above

Date:

Country of Citizenship: South Korea

As a below named inventor, I hereby declare that:

[X]	original
[]	divisional
ĪĪ	continuation
ΓÌ	continuation-in-part

This declaration is of the following type:

#### INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### TITLE OF INVENTION

#### ATOMIC LAYER DEPOSITION APPARATUS

#### SPECIFICATION IDENTIFICATION

The specification of which:

[X]	filed herewith;			
[]	was filed on	, under Serial No.	, executed on	even date
	herewith; or		<u> </u>	
[]	Express Mail No.	(Serial No. not yet known)		
	and was amended on	(if applicable)		
[]	was described and claimed in PC	· · · · · · · · · · · · · · · · · · ·		filed on
	and as amended	under PCT Article 19 on	·	

# ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[X] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

# PRIORITY CLAIM (35 U.S.C. §119)

		• •	•					
	[X]	No such	applications have been filed	l <b>.</b>				
	[]	Such app	olications have been filed as	follows:				
A.		Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119						
	Cour	ntry/PCT	Application No	Date Filed	Priority Claimed			
					[ ] Yes [ ] No [ ] Yes [ ] No [ ] Yes [ ] No			
В.	All for	reign applic	cation(s), if any, filed more	than 12 mos. (6 mos for d	esign) prior to this			

U.S. application

Country:
Application No:
Filing date:

before that of the application(s) of which priority is claimed.

C. U.S. Provisional Application filed within 12 months prior to this application

Serial No.	Filing Date			

# PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, Section 120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

[X]	No such applications have be	en filed					
[]	Such application have been filed, as follows:						
			Status				
Serial No	. Filing Date	Patented Pending	<u>Abandoned</u>				

# **POWER OF ATTORNEY**

Donald Verplancken	Registration No. 33,217
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412

Send correspondence to:

Direct telephone calls to:

Patent Counsel

Patricia A. Verlangieri

APPLIED MATERIALS, INC.

THOMASON, MOSER & PATTERSON, L.L.P.

P. O. Box 450-A

Full name of sole or first inventor: BARRY L. CHIN

Santa Clara, CA 95052

Telephone No. 732-530-9404

# DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

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Post Office Address:

Same as above

Inventor's signature: Residence:	151 Churchill Avenue Palo Alto, CA 94306	Date:
Post Office Address:	Same as above	Country of Citizenship: P.R. of China
Full name of fifth invent	tor: HUA CHUNG	
Inventor's signature: Residence:	4645 Piper Drive San Jose, CA 95129	Date:
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of sixth inven	tor: KEN KAUNG LAI	
Inventor's signature: Residence:	1354 Terra Alta Brive Milpitas, CA 95035	Date: 7/2 3/200
Post Office Address:	Same as above	Country of Citizenship: Taiwan
Full name of seventh inv	rentor: JEONG SOO BYUN	
Inventor's signature: Residence:	20975 Valley Green Drive #257 Cupertino, CA 95014	Date:

As a below named inventor, I hereby declare that:

This declaration	is	of	the	following	type:

[X] original[] divisional[] continuation[] continuation-in-part

#### INVENTORSHIP IDENTIFICATION

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#### TITLE OF INVENTION

#### ATOMIC LAYER DEPOSITION APPARATUS

#### SPECIFICATION IDENTIFICATION

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fi	filed herewith;				
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aı	and was amended on (if applicable)				
W	was described and claimed in PCT International Application No.			file	ed or
_	and as amended under PCT Article 19 on				
_		<u>.                                      </u>			

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# PRIORITY CLAIM (35 U.S.C. §119)

[ ] Yes [ ] No



before that of the application(s) of which priority is claim	before	that of t	he app	lication(s	) of which	priority i	s claime
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A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

Country/PCT Application No Date Filed Priority Claimed

[ ] Yes [ ] No
[ ] Yes [ ] No

B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

C. U.S. Provisional Application filed within 12 months prior to this application

Serial No.	Filing Date

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[X] No such applications have been filed

[ ] Such application have been filed, as follows:

Serial No. Filing Date Patented Pending Abandoned

# **POWER OF ATTORNEY**

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Full name of sole or first inventor: BARRY L. CHIN

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Full name of seventh in	ventor: JEONG SOO BYUN	
Inventor's signature: Residence:	20975 Valley Green Drive #257 Cupertino CA 95014	Date: 1/24/0/